

~~8~~ On page 3, insert the following new paragraph after the third full paragraph:

B2 Fig. 3B is a side view of the closing magnetic core of the choke coil according to the present invention.

On page 4, delete the fourteenth full paragraph and insert the following replacement paragraph:

B3 Fig. 32A is an exploded perspective view of the choke coil utilized in the fourth exemplary embodiment according to the present invention, and Fig. 32B is an exploded perspective view of another configuration of the choke coil utilized in the fourth embodiment.

On page 4, delete the fifteenth full paragraph and insert the following replacement paragraph:

B4 Fig. 33 is an exploded perspective view of the assembled elements illustrated in Fig. 32A including the coreless coil, terminal base, I-shape magnetic core and the insulating sheet.

On page 6, delete the second full paragraph and insert the following replacement paragraph:

B5 The thickness of the wall of the cylinder 25 of the terminal base 24 varies from a minimum thickness to a maximum thickness. At the point of maximum thickness, the wall of the cylinder 25 has a vertical groove 28 which guides the terminal 22 of the coreless coil 20. A terminal hole 29 through which the terminal 22 extends is punched on the base plate 26 at the lower end of the vertical groove 28 and on the triangular protrusion 27. Another terminal hole 30 is punched on the base plate 26 to which the terminal 23 coupled with the outer end corresponds. Beneath the bottom face of the triangular protrusion 27, a terminal groove 31 connected to the terminal hole 29 is provided. Also beneath the base plate, a terminal groove 32 connected to the terminal hole 30 is provided. After assembling the coreless coil 20 with the terminal base 24, the protruded terminals 22 and 23 are bent, and then fit into the terminal grooves 31 and 32 so that the terminals 22 and 23 can be led out to the sides from the triangular protrusion 27 in the terminal base 24 and the corresponding end face of the base plate 26. In other words, when this type of terminal base

BS 24 is used, the terminals 22 and 23 are led out to the opposite directions independently, i.e., led out at an angle of 180° difference with each other, and whereby the choke coil is suitably constructed for surface mounting.

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*On page 8, delete the third full paragraph and insert the following replacement paragraph:*

B In accordance with a preferred embodiment as shown in Fig. 3B, when the notch 38 or a through hole 56 is provided on a first, i.e. top or bottom, common magnetic yoke 37 and not provided on a second common magnetic yoke 37, a thickness of the second common magnetic yoke 37 can be 65-90% that of a thickness "t" of the first common magnetic yoke 37 without affecting the characteristics of the choke coil. As a result, a weight of the ferrite core can be reduced, and a height "h" of the choke coil can be lowered.

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*On page 12 delete the second full paragraph and insert the following replacement paragraph:*

B7 The fourth exemplary embodiment is described hereinafter by referring to Figs. 32A and 33-35, and another configuration of the fourth embodiment is shown in Fig. 32B. The basic structure is same as that of the second exemplary embodiment, thus different points only are described here. Regarding the terminal base 24, the support protrusions 49 disposed on each corner of the base plate 26 do not have a tapered notch 51 which could position the insulating sheet 33, and only a taper 50 is provided instead. The taper 50 guides the coreless coil 20 when the coreless coil 20 is assembled. The notch 38 is provided on the common magnetic yoke 37 of the I-shape magnetic core 40 of the closing magnetic core 34. The notch 43 is provided on an edge of the E-shape magnetic core 39, and the cavity portion 44 is provided inside of the E-shape magnetic core 39. The insulating sheet 33 does not have the flap 52 for positioning, but has a hole 62 corresponding to the center magnetic leg 35 instead. In the choke coil illustrated in Fig. 32B, the through hole 56 is provided in the common magnetic yoke 37 of the I-shape magnetic core 40 of the closing magnetic core 34, and the inner terminal 22 exits the I-shape magnetic core via the through hole 56.